

CLAIMS

1. An information recording method of recording information in files on an information storage medium, comprising the step of recording at least one of a 5 video file containing video information, a still picture file containing still picture information, and an audio file containing audio information, on said information recording medium.

10 2. An information recording method according to claim 1, further comprising the step of recording a management file having management information on a control method of reproducing the information recorded in at least one of said video file, still picture file, and audio file, in a position different from those of 15 said video file still picture file, and audio file on said information recording medium.

20 3. An information recording method according to claim 2, wherein said management information includes at least one piece of playback sequence information having links to reproduce the information in at least one of said video file, still picture file, and audio 25 file.

4. An information recording method according to claim 3, wherein said playback sequence information indicates a playback sequence for reproducing the 25 reproducible information in at least one of said video file, still picture file, and audio file.

5. An information recording method according to  
claim 4, wherein said playback sequence information is  
composed of plural programs.

5 6. An information recording method according to  
claim 5, wherein said management information includes  
information indicating the number of programs  
constituting said playback sequence information.

10 7. An information recording method according to  
claim 2, wherein the information in at least one of  
said video file, still picture file, and audio file is  
divided into specific standard units, and said  
management information includes information indicating  
the positions of said standard units recorded on said  
information recording medium.

15 8. An information recording method according to  
claim 2, wherein said management information includes  
at least one piece of playback sequence information  
having links to reproduce the information in at least  
two of said video file, still picture file, and audio  
20 file.

25 9. An information recording method according to  
claim 3 or 8, wherein said playback sequence  
information is program chain information and the  
information in at least one of said video file, still  
picture file, and audio file is divided into cells or  
objects.

10. An information recording method according to

claim 9, further comprising the step of setting a unique AV address in at least one of said video file, still picture file, and audio file and recording address information on either said cells or objects in  
5 said management file on the basis of the AV address.

11. An information recording method according to  
claim 10, wherein said AV address uses the first  
recording position of at least one of said video file,  
still picture file, and audio file as the initial value  
and is used to set serial numbers to all the  
recordable/erasable areas in at least one of said video  
file, still picture file, and audio file.  
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12. An information recording method according to  
claim 2, wherein said management file includes playback  
15 sequence information indicating the sequence for  
reproducing all the reproducible information in at  
least one of said video file, still picture file, and  
audio file.

13. An information recording method according to  
20 claim 1, wherein at least one of said video file, still  
picture file, and audio file is composed of plural  
object units, in each of which an object unit begin  
pack has been recorded.

14. An information reproducing method comprising  
25 the step of, from an information recording medium on  
which at least one of a video file containing video  
information, a still picture file containing still

picture information, and an audio file containing audio information and a management file having management information on a control method of reproducing the information recorded in the file have been recorded, 5 reproducing the information in said file on the basis of the management information recorded in said management file.

10 15. An information reproducing method according to claim 14, wherein said management information includes at least one piece of playback sequence information having links to reproduce the information in at least one of said video file, still picture file, and audio file.

15 16. An information reproducing method according to claim 15, wherein said playback sequence information indicates the sequence for reproducing the reproducible information in at least one of said video file, still picture file, and audio file.

20 17. An information reproducing method according to claim 16, wherein said playback sequence information is composed of plural programs.

25 18. An information reproducing method according to claim 17, wherein said management information includes information indicating the number of programs constituting said playback sequence information.

19. An information reproducing method according to claim 14, wherein the information in at least one of

5 said video file, still picture file, and audio file is divided into specific standard units, and said management information includes information indicating the positions of said standard units on said information recording medium.

10 20. An information reproducing method according to claim 14, wherein said management information includes at least one piece of playback sequence information having links to reproduce the information in at least two of said video file, still picture file, and audio file.

15 21. An information recording medium comprising:

15 at least one of a video file containing video information, a still picture file containing still picture information, and an audio file containing audio information; and

20 a management file in which management information including information on the playback sequence having links to reproduce the information in said file has been recorded.

22. An information recording medium according to claim 21, further comprising a backup management file for said management file in which information can be recorded.

25 23. An information recording medium according to claim 21, wherein at least one of said video file, still picture file, and audio file is composed of

plural object units, in each of which an object unit  
begin pack has been recorded.

24. An information storage medium according to  
claim 23, wherein said object unit begin pack has time  
5 information on recording recorded in it.